

## CLAIMS

1. An article comprising:  
a tape including an adhesive side and a non-adhesive side, wherein the adhesive  
5 side is coated with a pressure-sensitive adhesive; and  
a layer of retroreflective beads melted into the non-adhesive side of the tape.
2. The article of claim 1, wherein the tape is medical tape capable of being  
comfortably adhered to human skin.
- 10 3. The article of claim 1, wherein the layer of retroreflective beads is laminated  
into the non-adhesive side of the tape.
4. The article of claim 1, wherein the tape is medical tape having a foam backing.
- 15 5. The article of claim 1, wherein the tape is medical tape having a non-woven  
backing.
6. The article of claim 1, wherein the layer of retroreflective beads exhibits an  
20 initial reflective brightness prior to being subjected to abrasion cycles and a final  
reflective brightness after being subjected to a number of abrasion cycles, wherein the  
final reflective brightness is greater than seventy percent of the initial reflective  
brightness when the number of abrasion cycles is approximately 750.
- 25 7. The article claim 1, wherein the layer of retroreflective beads exhibits an initial  
reflective brightness prior to being subjected to abrasion cycles and a final reflective  
brightness after being subjected to a number of abrasion cycles, wherein the final  
reflective brightness is greater than ninety percent of the initial reflective brightness  
when the number of abrasion cycles is approximately 750.
- 30 8. The article claim 1, wherein the layer of retroreflective beads exhibits an initial  
reflective brightness prior to being subjected to abrasion cycles and a final reflective  
brightness after being subjected to a number of abrasion cycles, wherein the final

reflective brightness is greater than ninety percent of the initial reflective brightness when the number of abrasion cycles is greater than 5000.

5 9. The article of claim 1, wherein the layer of retroreflective beads is substantially held in place on the non-adhesive side of the tape without the use of an additional adhesive or a resin.

10 10. An article comprising:  
foam backing including a first side and a second side; and  
10 a layer of retroreflective beads melted into the first side of the foam backing.

15 11. The article of claim 10, wherein the layer of retroreflective beads melted into the first side exhibits an initial reflective brightness prior to being subjected to abrasion cycles and a final reflective brightness after being subjected to a number of abrasion cycles, wherein the final reflective brightness is greater than seventy percent of the initial reflective brightness when the number of abrasion cycles is approximately 750.

20 12. The article of claim 10, wherein the layer of retroreflective beads melted into the first side exhibits an initial reflective brightness prior to being subjected to abrasion cycles and a final reflective brightness after being subjected to a number of abrasion cycles, wherein the final reflective brightness is greater than ninety percent of the initial reflective brightness when the number of abrasion cycles is approximately 750.

25 13. The article of claim 10, wherein the layer of retroreflective beads melted into the first side exhibits an initial reflective brightness prior to being subjected to abrasion cycles and a final reflective brightness after being subjected to a number of abrasion cycles, wherein the final reflective brightness is greater than ninety percent of the initial reflective brightness when the number of abrasion cycles is greater than 5000.

30 14. The article of claim 10, wherein the layer of retroreflective beads is substantially held in place on the first side of the foam backing without the use of an additional adhesive or a resin.

15. A method comprising:  
covering a non-adhesive side of a pressure-sensitive adhesive tape with  
retroreflective beads; and  
applying heat and pressure to melt the retroreflective beads into the non-  
adhesive side of the pressure-sensitive adhesive tape.
16. The method of claim 15, wherein the retroreflective beads comprise glass beads  
coated with aluminum, wherein each glass bead is coated with aluminum on  
approximately half of a glass bead surface area.
17. The method of claim 15, wherein the retroreflective beads are fully aluminum  
coated glass beads, the method further comprising etching aluminum from exposed  
surfaces of the retroreflective beads.
18. The method of claim 15, wherein applying heat and pressure comprises  
laminating the retroreflective beads onto the non-adhesive side of the pressure-sensitive  
adhesive tape.
19. A method comprising:  
covering a first side of a foam backing with retroreflective beads; and  
applying heat and pressure to melt the retroreflective beads into the first side of  
the foam backing.
20. The method of claim 19, wherein the retroreflective beads comprise glass beads  
coated with aluminum, wherein each glass bead is coated with aluminum on  
approximately half of a glass bead surface area.
21. The method of claim 19, wherein the retroreflective beads are fully aluminum  
coated glass beads, the method further comprising etching aluminum from exposed  
surfaces of the retroreflective beads.
22. The method of claim 19, wherein applying heat and pressure comprises  
laminating the retroreflective beads into the first side of the foam backing.

23. An article comprising:

a foam backing including first and second sides;

a pressure-sensitive adhesive material covering the first side; and

a layer of retroreflective beads melted into the second side.

24. The article of claim 23, wherein the article is made by the process of:

coating the first side of the foam backing with the pressure-sensitive adhesive material;

covering the second side of the foam backing with retroreflective beads; and

applying heat and pressure to affix the retroreflective beads on the second side of the foam backing.

25. The article of claim 24, wherein applying heat and pressure comprises

laminating the retroreflective beads onto the second side of the foam backing.

26. The article of claim 23, wherein the layer of retroreflective beads exhibits an initial reflective brightness prior to being subjected to abrasion cycles and a final reflective brightness after being subjected to a number of abrasion cycles, wherein the final reflective brightness is greater than seventy percent of the initial reflective brightness when the number of abrasion cycles is approximately 750.

27. The article of claim 23, wherein the layer of retroreflective beads exhibits an initial reflective brightness prior to being subjected to abrasion cycles and a final reflective brightness after being subjected to a number of abrasion cycles, wherein the final reflective brightness is greater than ninety percent of the initial reflective brightness when the number of abrasion cycles is approximately 750.

28. The article of claim 23, wherein the layer of retroreflective beads exhibits an initial reflective brightness prior to being subjected to abrasion cycles and a final reflective brightness after being subjected to a number of abrasion cycles, wherein the final reflective brightness is greater than ninety percent of the initial reflective brightness when the number of abrasion cycles is greater than 5000.

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33. The article claim 31, wherein the final reflective brightness is greater than ninety percent of the initial reflective brightness when the number of abrasion cycles is greater than 5000.